

XXII.—*Description of a new Genus of Arachnida, with Notes on two other species of Spiders.* By ADAM WHITE, M.E.S., Assistant in the Zoological Department of the British Museum.

[With a Plate.]

Family ATTIDÆ.

DEINERESUS, White. *Cephalothorax* ovato-rotundate, highly convex, especially in front. *Eyes* eight: four in front, the middle two very large and prominent; the lateral eyes not half the size of the middle two, and projecting; these eyes are separated by slight emarginations, the notch between the lateral and middle eyes being wider than between the two middle eyes; the fifth and sixth eyes distant from each other, very small, the space between them and the lateral eyes shorter than between them and the posterior eyes; seventh and eighth eyes of the same size as the lateral front eyes, the cephalothorax bulges over them.

Chelicera very large, swollen, attenuated at the end, with a sharpish ridge on the inside ending in a spine; hook nearly as long as the rest of the chelicere, much bent, the point also hooked with a strong tooth beneath it.

Maxillæ thick, longer than wide, excavated on the outside, entire at the end, and strongly tufted with hairs; the palpi with the second joint long and bent, the third joint slightly bent, scarcely half the length of the fourth, which is also bent, and has a spine at the end, the fifth joint thick, short, blunt at the end and very hairy.

First pair of legs the longest, femoral, genual, and tibial joints thickish; the three hind pairs nearly equal in length; the second and third with the femoral, genual, and tibial joints somewhat thickened.

This remarkable spider belongs to the group *Attidæ*, and in the matter of chelicera far surpasses even *Toxeus maxillosus*, Koch, *Arachniden*, xiii. 19. t. 436. f. 1090. I have only seen one specimen, which is a male.

Deineresus Walckenaerii, White. Pl. II. fig. 4. *Cephalothorax* and legs of a deep shining brownish black; the eyes pale, the front eyes with hairs at the base. Abdomen small, subferruginous, with short silky hairs most visible on the sides, four depressed points on the back; spinnerets prominent. Legs very hairy on the under side, a few spines among the hairs.

Total length 10 lines. Length of first pair of legs rather more than 10 lines; of second pair $8\frac{3}{4}$ lines; of third pair 8 lines; of fourth pair $8\frac{1}{4}$ lines.

Hab. Celebes. British Museum. Presented by Dr. Knapp of Edinburgh.

DEINAGNATHA, White, Dieffenb. N. Zealand, ii. 271. This subgenus of *Tetragnatha* may be distinguished by the following characters:—

Chelicera longer than the cephalothorax, narrowest at the base, with five spines at the end, the three on the upper side larger than the rest: inner edge with two rows of small teeth, the under row containing more than the upper; the claw is very long and curved at the base, the tip is slightly bent.

Eyes eight, placed on two slightly lunated parallel lines, the two middle eyes of the anterior line nearer each other than they are to the side eyes; they are placed on the sides and the base of a slight projection.

Maxillæ long, sinuated on the outer margin, dilated at the ends, which are abrupt and very slightly rounded on the angles; palpi with the second joint very long, the third thickest at the end, and shorter than the fourth, which is hairy and considerably thickened at the end; the globular process in the male, near the base of the fifth joint, much as in *Dolomedes mirabilis* (Clerck, Ar. Succ. t. 5. f. 4), only much more complicated.

Mentum rounded at the end, with an impressed line near the margin and extending round it; there is a slight impressed line down the middle.

Cephalothorax of a longish oval figure, narrowed in front, depressed, with two deep impressions about the middle.

Legs long, first pair the longest, the fourth seemingly longer than the second, the third very short.

Deinagnatha Daindridgei, White, *l. c.* Ann. and Mag. Pl. II. f. 5. Brownish yellow, hooks of chelicera and ends of the legs darker.

Hab. New Zealand.

Mr. Joseph Daindridge or Dandridge lived about the beginning of the last century in Moorfields. Bradley, in his 'Philosophical Account of the Works of Nature,' published in 1721, refers to his having "observed and delineated a hundred and forty different kinds of spiders in England alone." In the British Museum, among Sir Hans Sloane's MSS., is a volume of Daindridge's descriptions and figures; they are 119 in number, and are all copied by Eleazer Albin, with but little alteration and no acknowledgement, in his 'Natural History of Spiders,' published in 1736.

On Pl. II. fig. 6. is figured a spider of remarkable form sent by the Rev. D. F. Morgan from Sierra Leone; it was described in the 'Annals and Magazine,' vol. vii. p. 476, under the name of *Homalattus pustulatus*.